



435329

## Executive Site Summary

estimate is  
dated from  
2000

### Gary Development Corporation Landfill:

- Site Location:** The site is located on Cline Avenue in Gary, Indiana.
- Ownership:** The site was owned and operated by the Gary Development Corporation. The corporation is now dissolved.
- Fill Size:** The site is 62 acres total of which approximately 55 acres were utilized of landfilling.
- Permit Information:** Operated under permit number: OPP 45-2, and EPA identification number: IND 077005916. The site operated from 1974 until 1987.
- Ground Water Use:** Ground water use is primarily industrial most drinking water in the area is drawn from Lake Michigan. Nearest domestic water well is 2,169 feet from the site boundary.

<b>Cover information:</b> Severe ponding and erosion due to lack of cover and drainage diversion. Exposed waste evident in various areas especially on the steep side north side slopes, which borders a 6-acre pond. Leachate is evident across the entire site again especially across the north side slope that borders the 6-acre pond.	<b>Cover recommendation:</b> Site needs erosion control and a minimum of two feet of final cover. Ponded areas need to be drained and filled to grade. Permanent vegetation needs to be established for erosion control and soil stabilization.
<b>Landfill gas information:</b> There are passive landfill gas vents at this site but not functional. Landfill gas is significant and found bubbling up into the large pond.	<b>Landfill gas recommendation:</b> Install a gas flare system to control landfill gas. This landfill is located in an area of non-attainment area under the Air Rule.
<b>Surface water information:</b> Surface waters are being significantly impacted by the landfill at this time. The Grand Calumet River bound the site on the South side of the site.	<b>Surface water recommendation:</b> Correct drainage issues to reduce erosion. Mitigate leachate outbreaks and establish an adequate cover.
<b>Ground water information:</b> Monitoring wells cannot be found. Previous monitoring results confirm the site is impacting ground water.	<b>Ground water recommendation:</b> Install an adequate ground water monitoring system along the perimeter of the site, and sample semi-annually. Twelve monitoring wells are recommended.

### Cost Estimates:

Cover and Vegetation:	\$2,716,000.00
Erosion control measures:	\$59,000.00
Ground Water Monitoring Wells:	\$16,360.00
Gas system installation-flares:	\$35,000.00
Drain and fill ponds:	\$2,830,000.00
<b>Total:</b>	<b>\$5,656,360.00</b>

**Major Site Issues:** *Inadequate cover and drainage control. Uncontrolled landfill gas. Leachate impacting 6-acre pond and Grand Calumet River. Lack of an adequate ground water monitoring well system.*